Attorney Docket No. 03-4001B

ABSTRACT

A system uses database digests to synchronize routing data in a network (100). The system includes a first node (110-1) and a second node (110-2). The first node (110-1) stores first routing data and the second node (110-2) stores second routing data. The second node (110-2) further performs a function on a portion of the second routing data, where the function produces a database digest that has substantially less data than the portion of the second routing data. The second node (110-2) also sends the database digest to the first node (110-1) to synchronize the second routing data with the first routing data.